

## **City of Mekoryuk**

### **Construction Plan**

**Project Title:** Building Level Project  
**Address:** 1 Main St., Mekoryuk, AK 99630  
**Contact:** Fritz David, Mayor      Alternate POC: Steven Whitman, Project Manager  
**Phone:** (907) 827-8314  
**Fax:** (907) 827-8626

**Project Foreman:** Roy Mathlaw  
**Address:** 1 Main St., Mekoryuk, AK 99630  
**Contact:** (907) 827-8314

#### **1. Project Description**

In order to get this project started, a current quote must be requested from the Lumber Yard in Bethel, AK, the quote will list all material to be ordered including estimated weight.

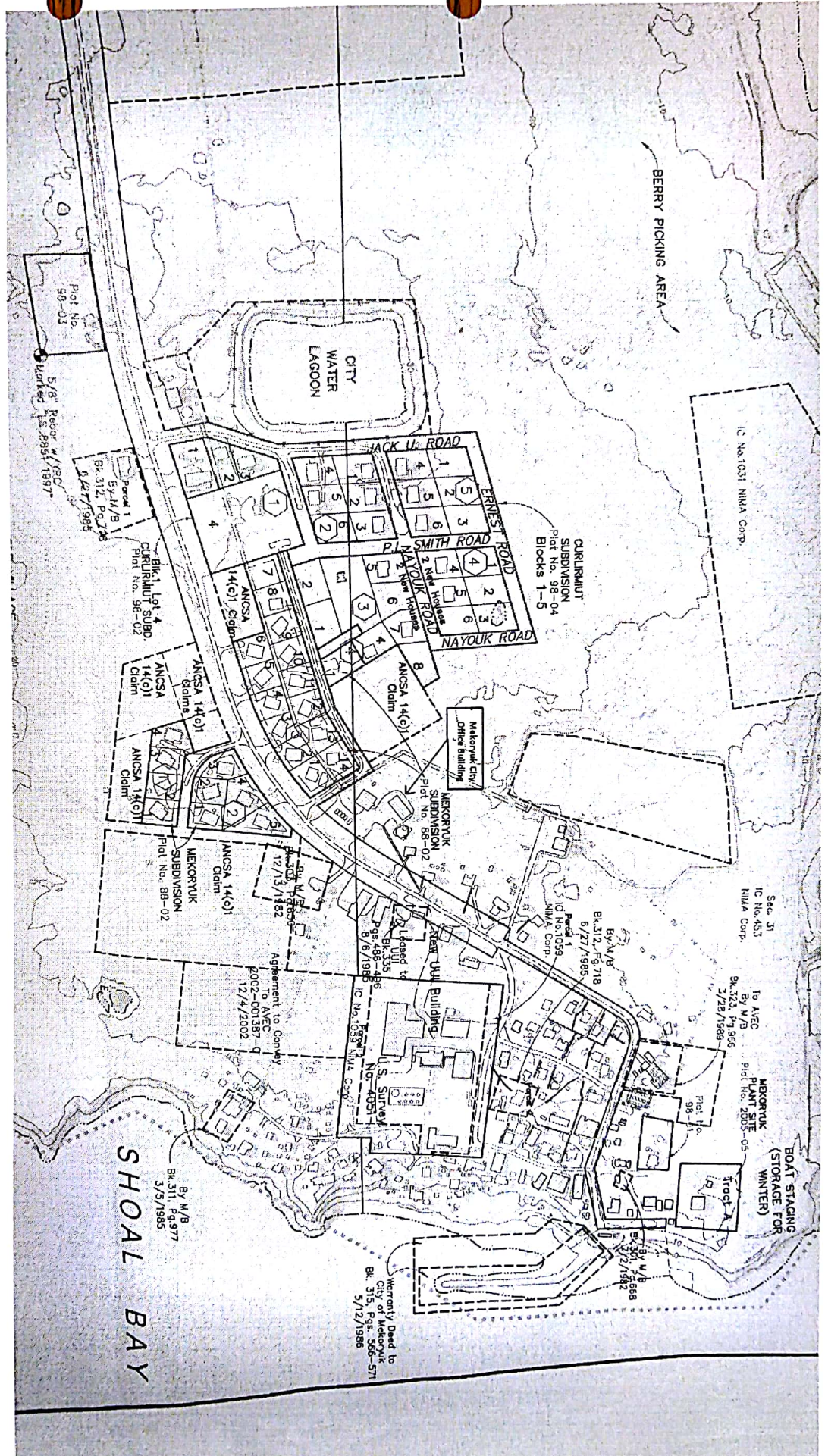
The project consists of raising the City of Mekoryuk building via cribbing, but before this can be done, the crew will need to disconnect the single sewer pipe leading to the storage tank, and will have to remove the existing stairs and ramp. The cribbing process, depending on weather conditions will take one to two weeks; during this process, the crew will make at least 75 two to three foot sections from the 6x6x12 and using the two jacks, make a 4 block pattern moving up to raise the existing building foundation two to three feet. At least two individuals will be required to raise the heating fuel tank simultaneously with the building. When the cribbing process is completed, the crew will begin placing 3x3 block bases going North/South, and then an additional two going East/West. 6x6x2 or 3 posts will be fastened to the block bases and construction saddles will be placed and fastened to the posts. The 5 1/4" x 13 3/4" x 18' glulams will then be placed in the saddles. These glulams will be bought locally since the Lumber Yard in Bethel, AK does not have any in stock, they will be less expensive and we will have the option to purchase additional for the project which may be necessary (pending approval or need by the project foreman) to make up 64 feet as three connected glulams make only 54 feet. The last item(s) to be placed will be the 2x6 braces in a criss-cross pattern to help support the 6x6x2 or 3 posts. All required nuts, bolts and washers have been included with the quote from the Lumber Yard.

Upon completion, the sewer pipes will be re-attached, proper alignment may be necessary and re-alignment with additional pvc piping along with new and safer entry stairs.

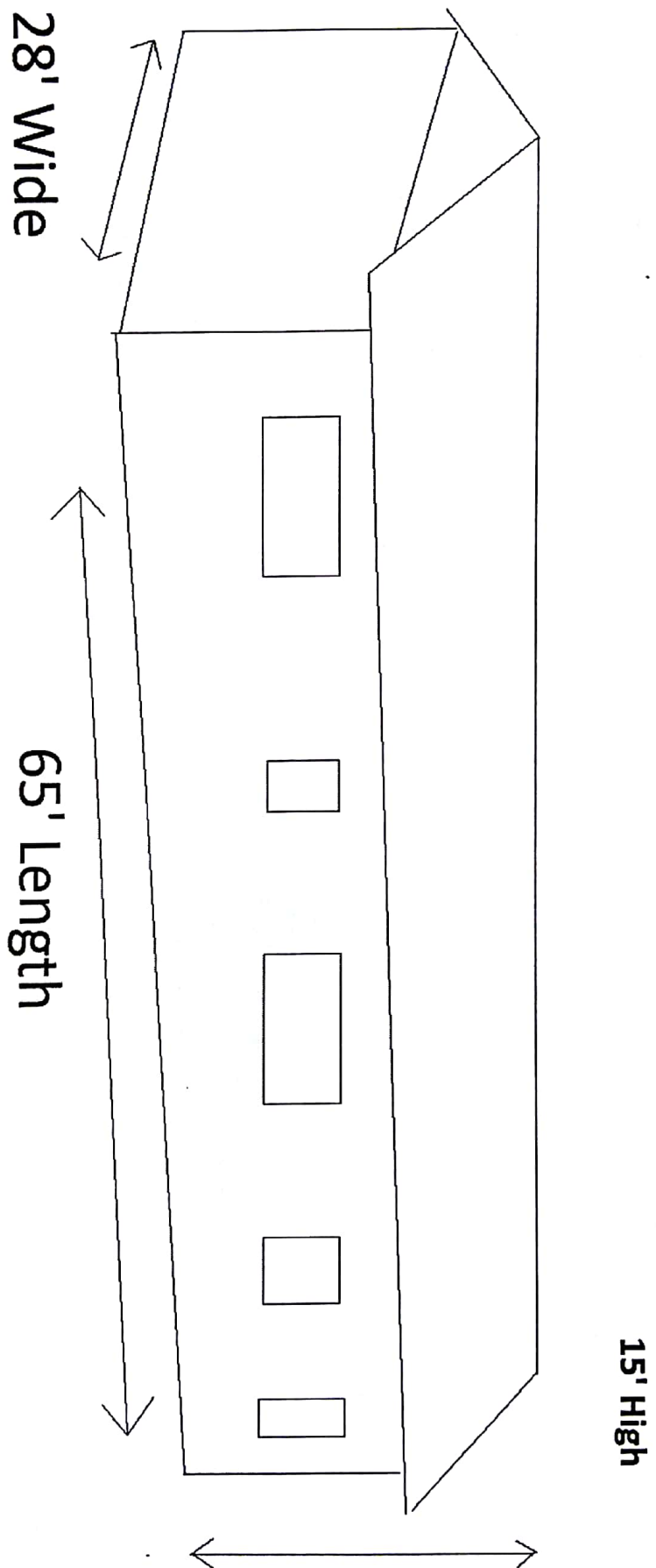
Working hours will be Monday thru Friday, 9am to 6pm or first daylight to dusk during the colder months until project is complete. Weekend work will be at the call of the project foreman. Once the cribbing process is completed, it is anticipated that the project will last no more than 1.5 months to complete, providing no additional issues are discovered.

Anticipated start date was to be October 15, 2017, however, the City of Mekoryuk is required to put the project on hold until all paper work is completed with the Denali Commission. Once the City of Mekoryuk receives the green light from the Denali Commission, they will get in contact with the Lumber Yard and place the order for material and supplies; when all material and supplies have been received, the City of Mekoryuk will submit copies of the invoices along with the Form 270 for reimbursement to Denali Commission.



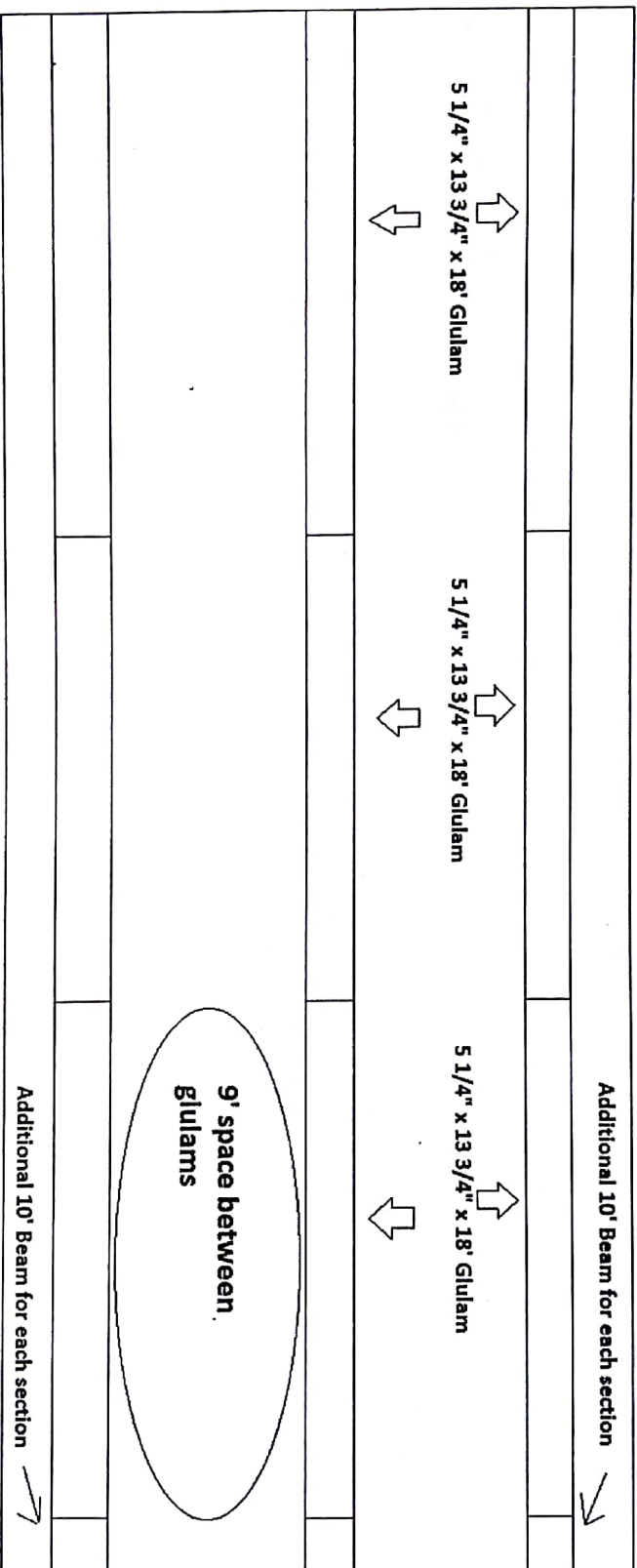


# Mekoryuk City Office Building Dimensions





# **City of Mekoryuk Building View from the Top** **65' Length of Building**



28' W

A total of 12 full glulams will be used, three each connected with construction saddles and bolts to form a 54' beam running length wise on each side of the building and down the center.  
 An additional 10' beam section will be included on each end and down the center to cover the entire foundation.  
 This will be conducted in the same fashion as each full beam, with construction saddles and bolts.

## City of Mekoryuk Building View from the Side

